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**ATTACHMENT A**  
**Amendments to the Claims**

*This listing of claims will replace all prior versions, and listings, of claims in the application.*

1-33 (Cancelled)

34. (New) An assembling system, which includes

- (a) at least one transmission means for transmitting at least one element selected from the group comprising signals, sub-atomic particles, atomic particles and impulses of energy;
- (b) at least one input means for providing at least one element selected from the group comprising signals, sub-atomic particles, atomic particles and impulses of energy to be transmitted to the transmission means; and
- (c) at least one output means having at least one assembling means selected from the group comprising molecular, sub-atomic and impulses of energy assembling means adapted to receive the elements from the transmission means and capable of manufacturing of at least one object defined by the elements.

35. (New) An assembling system as claimed in claim 34, in which the input means includes at least one disassembling means selected from the group comprising molecular, sub-atomic and impulses of energy disassembling means adapted to take apart structures, and recording structural information at each step.

36. (New) An assembling system as claimed in claim 35, in which the disassembling means is automated.

37. (New) An assembling system as claimed in claim 34, in which the assembling means is automated.

38. (New) An assembling system as claimed in claim 34, in which the object is an object selected from the group comprising a three-dimensional object, a four-dimensional object and a hologram.

39. (New) An assembling system as claimed in claim 34, in which the assembling means utilizes nanotechnology.

40. (New) An assembling system as claimed in claim 34, in which the assembling means utilizes thermal imaging.

41. (New) An assembling system as claimed in claim 35, in which the disassembling means utilizes nanotechnology.

42. (New) An assembling system as claimed in claim 35, in which the disassembling means utilizes thermal imaging.

43. (New) An assembling system as claimed in claim 34, in which the object is located, in relation to the input means, in a different location selected from the group comprising time periods, parallel worlds and time quadrants.

44. (New) An assembling system as claimed in claim 34, in which the transmission means is adapted to transport in association with signals at least one element selected from the group comprising molecules, atoms, sub-atomic particles and impulses of energy.

45. (New) An assembling system as claimed in claim 35, in which the object manufactured by the assembling means is selected from the group comprising a replica and an original of a structure disassembled by the disassembling means.

46. (New) An assembling system as claimed in claim 45, in which the object reassembled is an original object.

47. (New) An assembling system as claimed in claim 34, in which the manufacturing of the object is repeated as required.

48. (New) An assembling system as claimed in claim 34, in which the elements are signals which transmit at least one component selected from the group comprising data, sound data, visual data, kinetic data, kinaesthetic data and scent data.

49. (New) An assembling system as claimed in claim 34, which includes a time delay from transmission of the elements by the transmission means and receipt by the assembling means.

50. (New) An assembling system as claimed in claim 34, which includes a time delay from transmission of the elements by the transmission means and manufacturing of the object.

51. (New) An assembling system as claimed in claim 34, which includes a time delay from provision of the elements to the transmission means and receipt by the assembling means.

52. (New) An assembling system as claimed in claim 34, which includes a time delay from provision of the elements to the transmission means and manufacturing of the object.

53. (New) An assembling system as claimed in claim 34, in which the transmission means include at least one component selected from the group consisting of the Internet, a local-area network (LAN), a wide-area network (WAN), a network, mobile telephone communication, land-line telephone communication, radio communication, satellite communication, radio-waves, micro-waves, electromagnetic impulses, electronic transmission means and communication means.

54. (New) An assembling system as claimed in claim 34, in which the processes associated with the input means and the output means are substantially real-time relative to each other.

55. (New) An assembling system as claimed in claim 34, in which the transmission of the elements is controlled from at least one selected from the group comprising the input means and the assembling means.

56. (New) An assembling system as claimed in claim 34, in which the elements are signals which include at least one element selected from the group comprising atomic particles, sub-atomic particles and impulses of energy.

57. (New) An assembling system as claimed in claim 34, in which the elements are provided to the input means in electronic form.

58. (New) An assembling system as claimed in claim 34, in which the elements are directly obtained by the input means from at least one object selected from the group comprising an image, a physical object, a human being and impulses of energy.

59. (New) An assembling system as claimed in claim 34, which is utilized for at least one function selected from the group comprising a business function, a research function, a social function, conferencing, entertainment, broadcasting, education, advertising, promotions, marketing, selling, manufacturing, surgery, health-care and transportation.

60. (New) An assembling system as claimed in claim 34, in which the transmission means is remotely operated.

61. (New) An assembling system as claimed in claim 34, in which the assembling means is remotely operated.

62. (New) An assembling system as claimed in claim 34, in which the input means and the output means spaced distantly apart.

63. (New) An assembling system as claimed in claim 60, in which the remote operation is via at least one selected from the group comprising a telephone landline, the internet, a local-area network (LAN), a wide-area network (WAN), a network, mobile telephone communication, land-line telephone communication, radio communication, satellite communication, radio-waves, micro-waves, electromagnetic impulses, electronic transmission means and communication means.

64. (New) An assembling system as claimed in claim 61, in which the remote operation is via at least one selected from the group comprising a telephone landline, the internet, a local-area network (LAN), a wide-area network (WAN), a network, mobile telephone communication, land-line telephone communication, radio communication, satellite communication, radio-waves, micro-waves, electromagnetic impulses, electronic transmission means and communication means.

65. (New) An assembling system as claimed in claim 34, in which the input means is adapted to act as an output means and the output means is adapted to act as an input means.

66. (New). An assembling system as claimed in claim 34, in which the input means include an input adaptation means for adapting the elements prior to transmission by the transmission means.

67. (New) An assembling system as claimed in claim 35, in which the output means include an output adaptation means for adapting the elements prior to being received by the assembling means.

68. (New) An assembling system as claimed in claim 66, in which the input adaptation means includes disassembling and assembling means.

69. (New) An assembling system as claimed in claim 67, in which the output adaptation means includes disassembling and assembling means.

70. (New) A method for manufacturing an object, which includes the steps

- (a) of providing at least one element selected from the group comprising signals, sub-atomic particles, atomic particles and impulses of energy to be transmitted to at least one transmission means;
- (b) of transmitting the elements transmitted to the transmission means to at least one output means having at least one assembling means selected from the group comprising molecular, sub-atomic and impulses of energy assembling means; and
- (c) of manufacturing an object defined by the elements received by the assembling means from the transmission means.

71. (New) A method as claimed in claim 70, in which the input means includes at least one disassembling means selected from the group comprising a molecular, sub-atomic and impulses of energy disassembling means adapted to take apart structures, and recording structural information at each step.

72. (New) A method as claimed in claim 70, in which the assembling means utilizes nanotechnology.

73. (New) A method as claimed in claim 70, in which the assembling means utilizes thermal imaging.

74. (New) A method as claimed in claim 71, in which the disassembling means utilizes nanotechnology.

75. (New) A method as claimed in claim 71, in which the disassembling means utilizes thermal imaging.